Mental Health Drive

Moonn Electronics

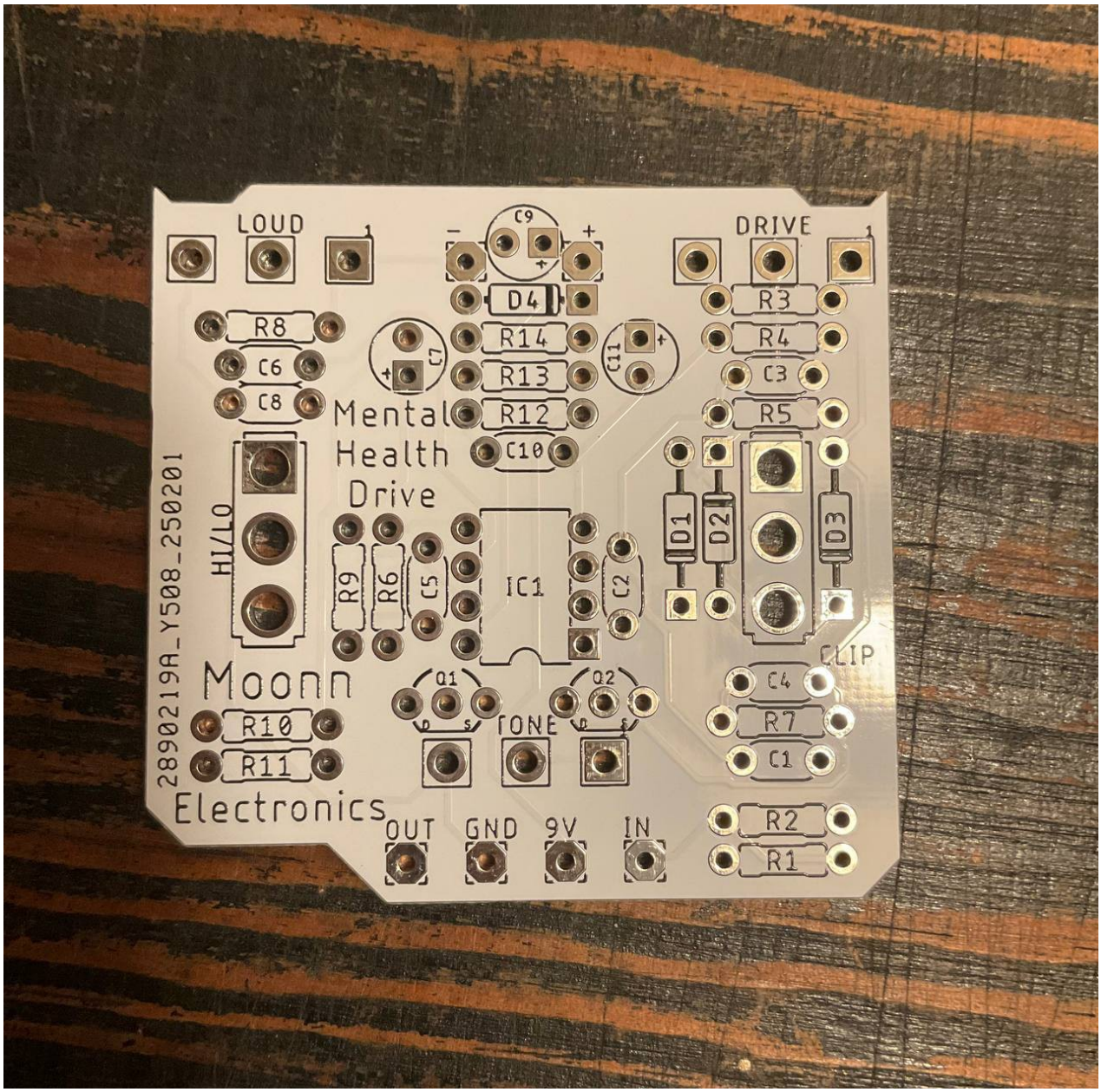
Use me to build a clone of the Fulltone OCD

Hi there!
Thank you for building me!

And thank you if you are reading these texts at the top of the Bom
Even tho you know most of them are bad and useless...

If you have any questions or anything else to say, just write an email to
moonnelectronics@gmail.com

Have a nice day!

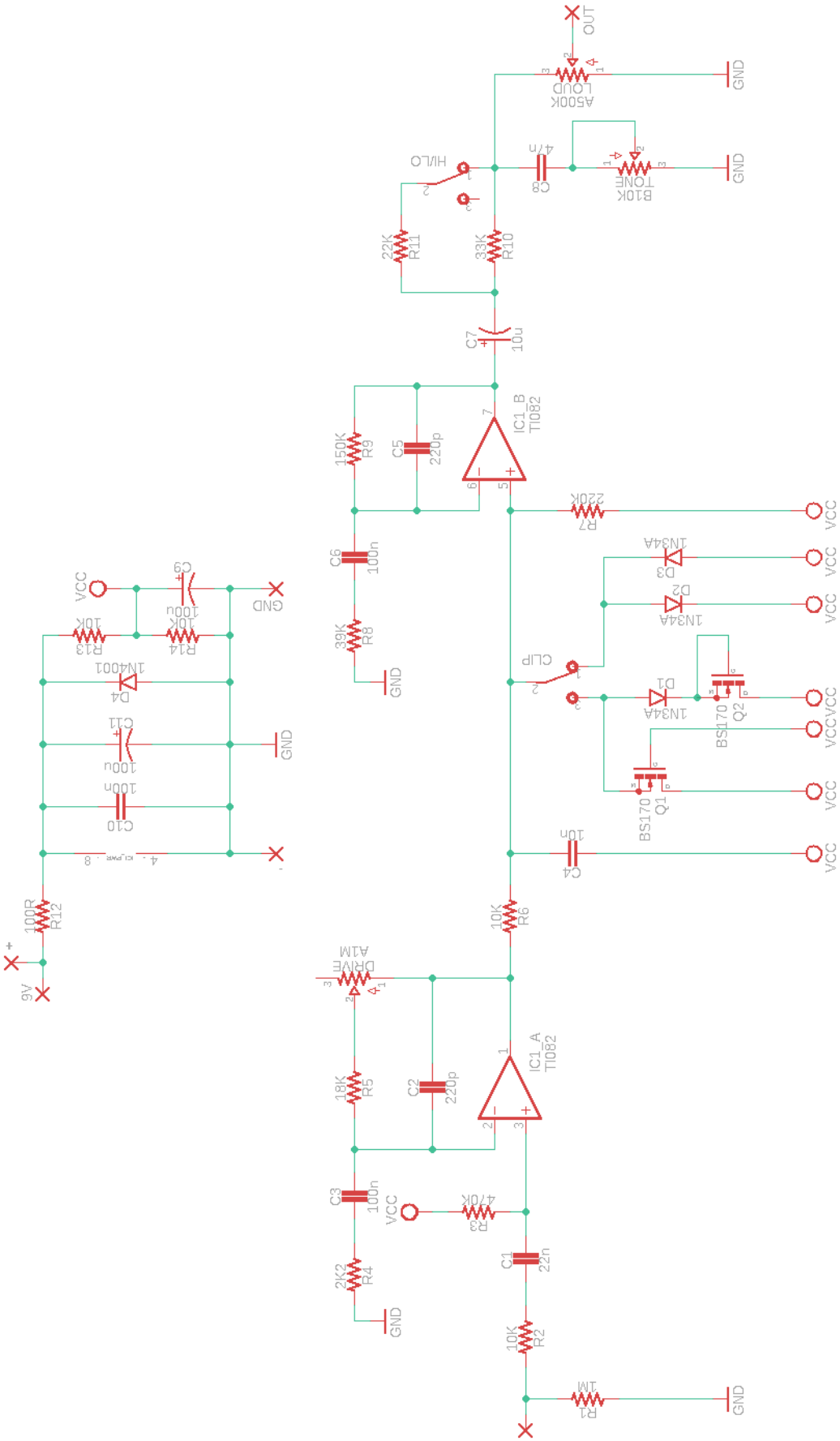


Moonn Electronics is (obviously) in no way affiliated with Fulltone

Bill of Materials

Qty	Value	Parts
Resistors		
1	100R	R12
1	2K2	R4
4	10K	R2, R6, R13, R14
1	18K	R5
1	22K	R11
1	33K	R10
1	39K	R8
1	150K	R9
1	220K	R7
1	470K	R3
1	1M	R1
Ceramic and Film Capacitors		
2	220p	C2, C5
1	10n	C4
1	22n	C1
1	47n	C8
3	100n	C3, C6, C10
Electrolytic Capacitors		
1	10u	C7
2	100u	C9, C11
Semiconductors		
3	1N34A	D1, D2, D3
1	1N4001	D4
2	BS170	Q1, Q2
1	Tl082	IC1
Switches and Potentiometers		
1	SPDT OnOn	HI/LO
1	SPDT OnOffOn	CLIP
1	B10K	TONE
1	A500K	LOUD
1	A1M	DRIVE

Schematic


OUT
A500K
LOUD
GND
HI/LO
4/7n
C8
B10K
TONE
GND
22K
R11
33K
R10
C7
10u
IC1_B
TI082
150K
R9
C5
220p
R7
220K
VCC
C6
100n
39K
R8
GND
1N34A
D3
D2
CLIP
D1
BS170
Q2
VCC
BS170
Q1
C4
10n
VCC
VCC
GND
C9
100u
10K
R13
R14
10K
1N4001
D4
C11
100u
100n
C10
GND
VCC
100R
R12
9V
10K
R6
DRIVE
A1M
IC1_A
TI082
18K
R5
C2
220p
C3
100n
VCC
47OK
R3
2K2
R4
GND
C1
22n
10K
R2
1M
R1
GND

Offboard Wiring